



THE GARZETTE

W4GR

Volume 16, Issue 7

147.075+ 444.525+5mhz
53.110 -1mhz

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From the Presidents Mic!



QST! QST! de WA4ZXV, Norm Schklar

Field Day comes and goes. But not without a lot of fun at the GARS site. For those of you that didn't make it, we had a great time, great food, a bunch of contacts and a chance to say 73 to a lot of friends that we haven't seen since last year. We had several first time visitors and the GOTA station stayed busy.

I tried working a satellite during field day. I've done it before, but this time I wasn't as prepared. Looking over the little bit of a write up in QST, I was hoping to make it work. We did hear AO51 on two passes, but couldn't get back up there. A little more planning, and we probably could have made it. Of course our great FD location with all the trees for hanging wire antennas isn't a lot of help when needing a clear path to the west at an azimuth of about 15 degrees. It's back to the drawing board for next year.

Fund raising time in August. We'll be helping out at the dog show again. Amy will be passing around a signup sheet at the next meeting, so don't be bashful. We enjoy great meals at Field Day and a little new equipment every once in a while, so keep up the good work and help keep the funds coming in. If you're new to the club, we'll explain our best fund raising activity during the next meeting.

We could use additional notebook computers. So if you are about to retire one, or you know someone that is, we could use it. If it runs Windows 2000 or Windows XP, we can most likely use it.

Net check-ins have been outstanding. We have from 30 to 40 check-ins almost every week. These may seem a lot of the same old thing, but they are just one more exercise in preparation for a serious situation where our service may be required. They're also a good place to hear announcements about GARS activities. And don't forget this is called the want – swap – sell – information net. The Wednesday evening 6 meter net has been gaining momentum. Check the web site for specifics. Spread the word about TechFest. It's January 12th. We'll be passing out invitations at the next meeting.

If you haven't been listening, the repeater is staying busy. It starts in the morning with drive time, and seems to be active on and off all day. Then again at drive time there are several conversations. So turn on the radio and participate. I'm sure you have something to add.

73 es hp to cu sn de Norm, WA4ZXV

July 2007

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2 2 m Club net @ 2000	3	4 Happy Fourth of July	5	6	7 Breakfast 0730
8	9 2 m Club net @ 2000	10	11 6m Club net @ 2100	12	13	14 Breakfast 0730
15	16 2 m Club net @ 2000	17 club meeting 7:30 pm	18 6m Club net @ 2100	19	20	21 Breakfast 0730
22	23 2 m Club net @ 2000	24	25 6m Club net @ 2100	26	27	28 Breakfast 0730
29	30 2 m Club net @ 2000	31	1 6m Club net @ 2100	2	3	4 Breakfast 0730

The GARZETTE

The GARZETTE is the official monthly organ of the Gwinnett Amateur Radio Society serving its members and other persons interested in the advancement of the amateur radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, bring your articles to the monthly meeting in Microsoft Word format or email to ka4kkf@arrl.net. Artwork can be accepted in most any graphics format and can be submitted via email to the same address. Alternate means of submittal can be arranged when necessary. In keeping with the amateur radio spirit, permission is hereby granted for the reproduction of The GARZETTE articles by other amateur radio club newsletters provided that proper credit is given to the individual author and to The GARZETTE.

GARS Recurring Calendar

- Monthly club meeting is the 2nd Tuesday of the month at 7:30 PM. Check the Web Site for Location.
- Every Monday at 8 PM local time: GARS Want, Swap, Sell, and Information Net on the GARS 2 meter repeater
- Every Wednesday at 9 PM local time: GARS 6 meter net on the GARS 6 meter repeater
- Every Saturday at 7:30 AM local time: GARS Weekly Family Breakfast, Golden Corral Restaurant, Riverside Drive, Lawrenceville
- 20th of each month: Deadline for submittal of articles for the following month's GARZETTE

We are on the internet

General Meetings

July 10	October 9
August 14	November 13
September 11	December 1

Check out our web page at [Http://www.gars.org](http://www.gars.org)

You can find the latest news and information about the club. You can also find the GARZETTE. The home page has a link to add you to the GARS mail list at Yahoo groups.

The GARZETTE is published each month with the assistance of Hal Manning, who prints the news letter. Rick Patchin, KD4RFK does the final production work on The GARZETTE by folding & labeling. Bill Cherepay, WB4WTN, stamps and gets the end product to the Post Office each month. Norm Schklar, wa4zxv, manages email delivery. Many thanks to each of them and all article contributors.

Deadline for submissions is the 20th of each month for inclusion in the following month's issue.

For any additional information contact: Newsletter Editor:

David Adcock ka4kkf
(770-271-9398)
ka4kkf@arrl.net

All correspondence relating to articles posted in The GARZETTE or for information concerning advertising rates should be directed to the following address:

Gwinnett Amateur Radio Society
P.O. Box 88
Lilburn, GA 30048
Attn: Newsletter Editor

Metro Atlanta VE Exam Schedule

GARS publishes Metro Atlanta area VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at www.arrl-ga.org

First Saturday, Even Months

9:00AM
EOC Building
Butch Nitz, AF4FS
(770) 968-8780

First Wednesday

7:00 PM
ARRL/VEC
Roberts School
4681 School Street,
Acworth
Jodi Escher AG4BK
770-387-1591

Second Tuesday

7:00PM
Walton EMC
3645 Lenora Church Rd,
Snellville
Wayne Taylor, WD4CCA
(770) 498-7759

Second Saturday, Odd Months

ARRL VEC
8:30 AM
Stone Mountain Methodist
Church
5312 West Mountain St.
Stone Mountain
Bob Varone, W4ETN
(770) 978-3179

Third Saturday

CA VEC
9:00AM
Marietta First United
Methodist Church Room 305,
56 Whitlock Ave
Marietta
David Still, WB4RRD
(770) 973-2566

Fourth Tuesday

ARRL VEC
7:00 PM
United Way Service Center
6279 Fairburn Road,
Douglasville

Third Sunday

W5YI VEC
3:00 - 5:00 PM
Gwinnett County Public
Library
2780 Five Forks Trickum Rd
Lawrenceville, GA 30044
770-978-5600
Headphones Provided! Howie
Gould, W9HG (770) 921-8362

Fourth Sunday

2:30 PM
Georgia Tech Student Center
Room 301
David Ziskind, KE4QLH
(404) 966-6864

Metro Atlanta Club Meetings**First Tuesday**

Kennehoochee ARC
Southern Polytechnic
State University
Meeting begins at 7:30 PM
Talk In 146.880(-)

Second Monday

Georgia Tech ARC
Room W218
Van Leer Electrical
Engineering Bldg.
Georgia Tech Campus
Meeting at 7:00 PM

First Thursday

Atlanta Radio Club
Georgia Red Cross HQ
1955 Monroe Dr., Atlanta
Meeting is at 7:30 PM
Talk In -146.820(-)

N.E. Georgia ARC

Commerce Public Library
Meeting is at 6:30 PM
Talk In - 147.225 (+)
PL 123.0

Second Thursday

Alford Memorial Radio Club
Annistown Road Baptist Church
Intersection of Annistown Rd
& Spain Rd
Stone Mountain
Dinner at 6:00 PM
Meeting at 7:30 PM
Talk In - 146.760 (-)

Third Tuesday

North Fulton Amateur Radio
League
Alpharetta EOC located at
2970 Webb Bridge Road, in Al-
pharetta
meeting at 7:30 PM
Talk In - 145.47 (-)

First Saturday

North GA QRP Club
Wieuca Baptist Church on
Peachtree Rd/Wieuca, 10 AM

June 2007 GARS General Meeting

June 12, 2007

The president, Norm Schklar, WA4ZXV, called the meeting to order at 7:30.

First time guests were recognized and then the club officers were introduced.

Introductions of those present were made.

Two mini-programs were presented:

1. Norm, WA4ZXV, demonstrated a PAC12 QRP antenna made from a fishing pole and a two-band J-Pole.
2. David Bruse, W4DTR, demonstrated a dual band quad for 2 meter and 440.

Scott Serafin from Smith Barney gave a very interesting program on identity theft with a number of helpful suggestions.

Break

Earl Whatley, AF4FG, vice president, presented this year's scholarship check to Andrea Hartlage, KG4IUM.

Committee reports:

Earl Whatley, AF4FG, vice president, gave a report on the status of the repeater at the Boy Scout Camp in north Georgia. The club voted to donate \$150 to help complete the installation.

The minutes from the May meeting were approved as published in the Garzette.

The treasurer's report was given by Amy Woodrick, KE4IKF, and approved.

Four new members were voted into full membership:

Sakiyah Walker, KD4KBO, technician class,
 Gary Beckstedt, KI4VDP, technician class,
 Mike Holmes, K4LMS, extra class,
 Michael Weathers, ND4V, extra class.

Dave Bruse, W4DTR, gave a summary of future meeting programs.

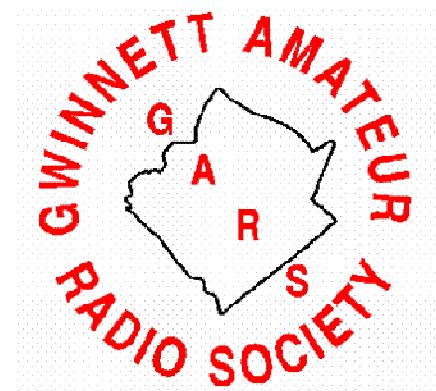
Scott Hartlage, KF4PWI, gave the network report – net control stations are still needed.

Dick Sandberg, N9SJX, gave a report of Field Day which will be June 23 and 24 at Rhodes Jordan Park in Lawrenceville. Setup will begin Friday evening and continue Saturday morning, operating will begin at 2pm Saturday. There will be activities and power pole installation demonstrations.

Prize drawing was held.

The meeting was adjourned at 8:55.

Prepared by Randy Collins, secretary



Have Breakfast with GARS

GARS has a social breakfast on Saturday mornings at the Golden Coral on Riverside Drive in Lawrenceville. We usually get there about 0730 and leave about 0900 or 1000. We talk radios and solve the problems of the world. We even have a qso with w4ade in Florida over echolink.

It is a great time to meet and eat. The food is very good too.

The Golden Coral is behind Pike's nursery at the intersection of Riverside Drive and Hwy 120 in Lawrenceville.

Someone will be on the repeater too.

Hope to see you there.

Send in the Clowns

The Dacula Memorial Day Parade
By KI4MEH

There were no clowns, unless you count the pageant moms (but more about that later), but there was every other facet that makes a great parade. There were floats, military vehicles, police vehicles, horses (followed by guys with shovels), Scouts (of every shape and size), pretty girls, fire trucks, goats, dogs, cheerleaders (NO not again!), tractors, trucks, new cars, very old cars and very very small cars. Of course there was the main ingredient for any successful event, volunteer Hams. But I should start at the beginning.

We start, as all good Ham related activities do, with breakfast and coffee (lots of coffee) at a Waffle House near the event. I got there early to enjoy maximum conversation time with Hams I have not seen since last year's parade.

Why is it in a hobby/community that is centered on communication we do so little of it over the year with those nearest to us but talk weekly or more with those thousands of miles away?

The coffee was good, the conversations great, life just doesn't get any better than this. But all too soon its time to load up and get to the event.

It looks like an emergency evacuation as almost every vehicle in the parking lot tries to pull out on the road at the same time, leaving one old guy in a pickup that was trying to pull in at the time, bewildered and questioning his choice of breakfast places.

We gather at the parade staging area (a church parking lot) and Earl hands out the maps, parade participant lists and makes assignments. Everyone loaded up on sun-block. The participants start filing in and get lined up. Everything went like clockwork.

About then I notice my row was comprised mostly of cheerleaders (cursed again) and all form of pageant winners. There were so many pageant winners they were loaded on floats in groups and I think some were double stacked (the floats not the pageant winners)

There were so many rhinestone tiaras my sun block gave up and took cover. There must be someone in Dacula whose full time job is coming up with pageant titles. I think I saw a Little Miss Junior Pothole Lake View Sub-Division.

And with each pageant winner came a pageant Mom barking orders like a German field officer and trying to make sure their little darling had the best seat on the best side with the best lighting. There was more than one heated discussion among the Moms, very heated. If I had a large tub of Jell-O I could have paired up the Moms, sold tickets and made a few bucks but that would be wrong.

Eventually it was time to start the parade. The rows unfolded like a large paper snake. Soon everyone was gone without a problem and it was over. Over till next year. We gathered for a group picture and then dispersed. Each alone in their vehicle but still connected to the others by the invisible thread of our radios. Where else can you have this much fun for free?

Recipe for a fun Memorial Day BBQ, the Strange Antenna Challenge - 2007

Arnold Solomon, kc4zua

What happens when you take one 16 foot extension ladder, 2 C-clamps, and 50 feet of chicken wire fencing? You get a full day of fun with a "Strange Antenna Challenge" 20 meter vertical!

Since 2003, Erik Weaver N0EW and Dwayne Walker WB5PLJ have been hosting the Strange Antenna Challenge through the Ozark Hillbilly Portable Operations Team in Springfield, Missouri. After reading about the challenge on the ARRL web site, a group of radio amateurs from the morning drive time group embarked on a quest to build a "Strange Antenna" at the house of Bill Perkins, KB4KFT. Although an aluminum extension ladder was used in previous challenges, the group gave it a new twist. They added three radials made of chicken wire fencing. The ladder antenna was extended to its maximum length and secured with C-clamps.

Because the completed antenna was not resonant on the 20 meter band, an antenna tuning unit was connected to protect Bill's HF transceiver. The radiating element, AKA ladder, was quickly constructed and propped up against a tree by James and Sophia Loner, W4JHL and KI4EWW. Billy Christensen, KI4KGK attached the three radials to a pine 2 x 4 with sheet metal screws under the antenna. A patch of poison ivy caused the radials to be skewed to a configuration that enhanced northeastern coverage. The center conductor of the coaxial cable was fastened to the ladder with a set of locking pliers and the shield to the radials with another sheet metal screw. After hoisting the antenna up, it was secured with rope to the tree to prevent it from toppling over. Within just minutes, Sylvia Richardson, KG4OEG, established a contact with Northern Ireland. The evening's fate was sealed as Rob Osattin, KI4UTY, worked contacts late into the evening.

Atlanta Strange Antenna Challenge roster:

Bill Perkins	kb4kft
Arnold Solomon	kc4zua
Gordon Shirley	ki4tbj
Rob Osattin	ki4uty
Ron Hogue	
Sophia Loner	ki4eww
James Loner	w4jhl
Sylvia Richardson	kg4oeg
Addison Le Platte	ki4iya
Billy Christensen	ki4kgk



June 21, 2007
Recent Post on a Ham Radio Related Web Page

Dear Fellow Hams,

I would like to take a moment of your time with this open letter and help dispel rumors, and falsehoods that have been stated as fact. I have been assured from Top Management in Japan and the U.S. and I can assure you that the Kenwood Communications Sector has **no intention of exiting the Amateur Radio Marketplace**. It is a viable market. The Amateur Division has been running in the black since our restructuring several years ago. In fact, even with the loss of models over the last four years the Amateur Division has grown in Market, speaking highly of Kenwood quality and the loyalty of our customers.

At Dayton this year we introduced the new TM-V71A many were sold at the show. The preproduction prototype of the Dual Band TM-D710A was under Plexiglas, it too was received very well by the crowd; it will serve as the TM-D700A replacement in late August. We also gave away many thousands of Kenwood Branded items, such as brochure bags, hat pins and laminated prefix maps.

It is true the core business of Kenwood Communications is Land Mobile. The Land Mobile Radio Division is the second largest communications company in the world based on sales, second only to Motorola. It takes a full year for Amateur sales to equal Land Mobile sales of just one month. What we are doing is just good business sense with the product line and will keep us in the Amateur Market for many years to come.

As a fellow Ham, I want new radios as much as you. The business model of Kenwood is one platform for all markets with the only difference being firmware. It's exceedingly expensive to retool the factory for each market.

In addition, Europe and to be followed by the rest of the world has deemed that products be RoHS compliant. The Restriction of Hazardous Substances Directive (RoHS) is the reason we are introducing new products to replace current popular models that are noncompliant. These new models include TM-V71A, TM-D710A and others after the D710 reaches market.

Unfortunately, this must be accomplished before we start work on any new HF radios.

Most people believe that this is just a lead-free mandate, but it also includes the use six substances: Mercury, Cadmium, Hexavalent Chromium, Polybrominated biphenyls and Polybrominated biphenyl ether. The maximum concentrations are 1000ppm. For cadmium the limit is 100 ppm by weight of homogeneous material. The limits do not apply to the weight of the finished product, or even to a component, but to any single part that could be separated mechanically. (From Wikipedia) Everything that can be identified as a homogeneous material must meet the limit. So if it turns out that the case was made of plastic with 2,300 ppm PBB used as a flame retardant, then the entire radio would fail the requirements of the directive.

Please standby for more quality Kenwood products, they will come!

73, from the Helm!

Phil Parton – N4DRO

National Sales Manager – Amateur Products

Kenwood USA Corporation

Communications Sector

pparton@kenwoodusa.com

Do you know a boy or girl
14 to 21 years old
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Climb, Hike
Canoe, Camp
Talk on an amateur radio
Have Fun
Tell them about

Venture Crew 73

**We meet the second Tuesday
of each Month at 7:00PM
prior to the GARS meeting at
St. Marguerite D'Youville
Church..**

For more information Visit
www.gars.org/crew73
or contact Ray Back:

Email crew73@gars.org
Phone (770) 295-9174

GARS Communication System

70 Cm Repeater

444.525(+) MHz
82.5 PL Tone

2 Meter Repeater

147.075(+) MHz
82.5 PL Tone

APRS

144.390 -- 1200 Baud
W4GR

Main Repeater Site

Oak Street, Lawrenceville

Backup Repeater Site

Lanier Mountain, Snellville

Remote Receive Sites

Bogart Road, Buford

Goshen Springs Road,
Norcross

Lanier Mountain, Snellville

6 Meter Repeater

53.110 (-1 MHz)
82.5 PL Tone

The SEDXC is initiating a program which will help new hams, including upgraders, interested in successful DXing. Check out the "New to DX?" button in the SEDXC link, www.SEDXC.org .

Net Needs Net Control Operators!

If you would like to be net control and learn how to operate the net, contact Scott, KF4PWI. We are looking for 2m and 6 m net control operators to fill in the empty spaces in the rotation.

kf4pwi@arrl.net

GARS

APPAREL ORDER FORM

NAME: _____

PHONE # _____

CALL: _____

NAME TO BE EMBROIDERED: _____

CALL SIGN TO BE EMBROIDERED: _____

ITEM	SIZE	QUANTITY	PRICE	TOTAL
T-SHIRT				
Red WITHOUT name & call			\$20.00	
White WITHOUT name & call			\$20.00	
Red WITH name & call			\$20.00	
White WITH name & call			\$20.00	
GOLF SHIRT -- WITHOUT name & call				
Red			\$24.00	
White			\$24.00	
GOLF SHIRT -- WITH name & call				
Red			\$28.00	
White			\$28.00	
SWEATSHIRT				
Red WITHOUT name & call			\$30.00	
White WITHOUT name & call			\$30.00	
Red WITH name & call			\$30.00	
White WITH name & call			\$30.00	
LIGHTWEIGHT JACKET -- RED ONLY				
WITHOUT name & call			\$31.00	
WITH name & call			\$35.00	
HEAVYWEIGHT JACKET -- RED ONLY				
WITHOUT name & call			\$41.00	
WITH name & call			\$45.00	
GARS BADGE -- WITH name & call			\$9.00	
HAT -- WITHOUT name & call				
Red			\$9.00	
White			\$9.00	
HAT -- WITH name & call				
Red			\$14.00	
White			\$14.00	

TOTAL ORDER PRICE: _____

Please attach your check made payable to GARS and return to Amy Woodrick, KE4IKF or mail to:

GARS
P.O. Box 88
Lilburn, Georgia 30048

NOTE: Please allow at least 4 weeks for delivery of items. Some items may need to be special ordered.
 Thanks and 73s! -- Amy KE4IKF

Gwinnett Amateur Radio Society
 P.O. Box 88
 Lilburn, GA 30048

MEMBERSHIP APPLICATION

NEW MEMBER

RENEWAL

Amateur Call Sign _____

License Class

Novice

Technician

General

Advanced

Extra

Name _____

Address _____

City _____ State _____ Zip _____ - _____

Email address _____

Home Telephone _____

Work Telephone _____

Cell Telephone _____

Date of Birth _____ / _____ / _____ (mm/dd/yy)

ARRL Member Yes No Life

Interests _____

I prefer to receive the GARZETTE newsletter by: US Mail Email (please check only one)

Type of Membership

Individual \$30.00 annually

Optional Contributions

Repeater Fund \$ _____

Student \$15.00 annually

Scholarship Fund \$ _____

Senior \$15.00 annually (over age 65)

Family ** \$35.00 annually

** Available for family members residing at the same address

Additional Family Members **

Name _____ Date of Birth _____ / _____ / _____ (mm/dd/yy)

License Class Technician General Extra ARRL Member Yes No Life

Interests _____

Name: _____ Date of Birth _____ / _____ / _____ (mm/dd/yy)

License Class Technician General Extra ARRL Member Yes No Life

Interests _____

I agree to abide by the By-Laws of the Gwinnett Amateur Radio Society and understand that membership is subject to the approval of the Club.

Applicant Signature _____ Date _____ / _____ / _____

GARS Appreciates these fine sponsors that support our great organization!

**GWINNETT COLLISION
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Mark KJ4VO

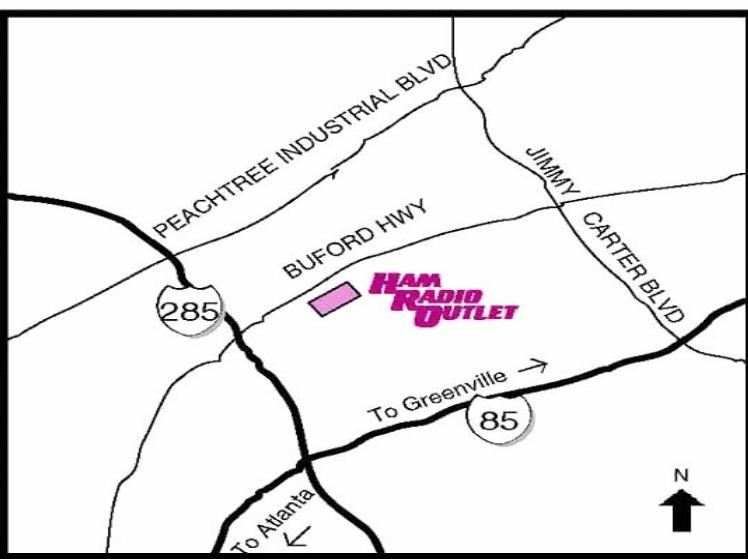
Tim W4EGT

David KE4VDH

Dale W4GCL

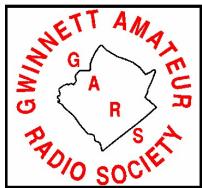
Bill KF8AZ

Josh W4JDH



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KLM
Larsen
M2
Premier
Valor
Van Gordon

Gwinnett Amateur Radio Society
P.O. Box 88
Lilburn, GA 30048



To receive the **Garzette** via e mail contact, please contact the membership chairman

Saturday Morning

Breakfast

**Join us at the Golden Coral
on Riverside Drive in
Lawrenceville at 7:30 a.m.**

Next Meeting
Tuesday, July 10
The Meetings are on the
Second Tuesday of the
month 7:30pm at the
St Marguerite
D'Youville Church,
85 Gloster Rd NW,
Lawrenceville, GA 30044.
Just off Highway 29 SW of
Lawrenceville.
Directions on the Web
site.
<http://www.gars.org>

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Not every agent is willing to make
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**References available upon Request